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| X16C SAFETY CHECKLIST | | | BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE |
| Rev: C | Effective: 5/24/2010 | Page 1 of 1 | Number: LS-SCL-0036 |
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Original signatures on file.

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1. Valid Padlock Index and log, no padlocks open

Checkpoints 2-4 are viewable from the X15 side of beamline

2. Lead Exclusion Zone (EZ # 1), lead enclosure just downstream of shield wall, in place and secured.
3. Bremsstrahlung Shield (BS #1) in place and secured.
4. Exclusion Zone (EZ #2) in place and secured.

Checkpoints 5-12 viewable from the X17 side of beamline

5. Bremsstrahlung Shield (BS # 2) in place and secured.
6. Lead Exclusion Zone (EZ #3) in place and secured.
7. Lead scatter shielding on beamline components as per photo.
8. View ports (3) covered with leaded glass; labeled 8A, 8B, 8C.
9. Exclusion Zone (EZ #4) in place and secured.
10. Bremsstrahlung Shield (BS # 3) in place and secured.
11. Bremsstrahlung Shield (BS # 4) around photon shutter in place and secured.
12. Bremsstrahlung Shield (BS # 5) located downstream of the X16C hutch, in place and secured.

OPCO / Beamline Staff: _____ Date: _____